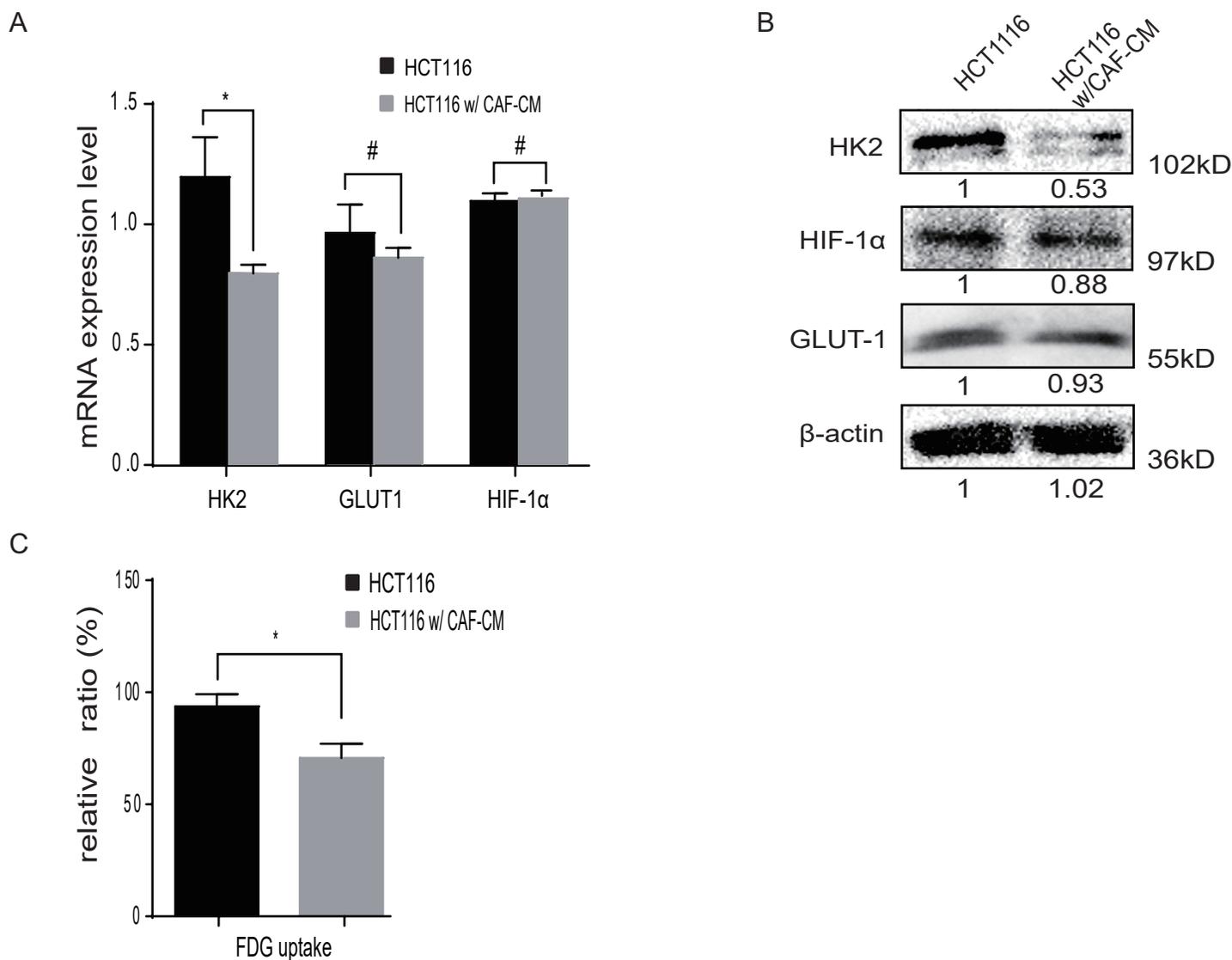


Figure legend: Representative images of PET, PET-CT and immunohistochemistry of FSP1. A. SUVmax low group B. SUVmax high group. a: PET images merged with CT images; b & c: IHC pictures; d: CAFs labeled in IHC images; e: calculated regions (green) recognized by the inForm software.



### Figure legend

A. The expression levels of HK2 was downregulated in HCT116 cells cocultured with CAF-conditioned medium. Expression analyzed by Q-PCR in HCT116 cells with or without CAF-conditioned medium. \*:  $P < 0.05$ , #:  $P > 0.05$ .

B. The expression levels of GLUT1, HK2 and HIF1α were examined by Western blot.

C. FDG uptake analysis in HCT116 cells with or without CAF-conditioned medium. \*:  $P < 0.05$ .

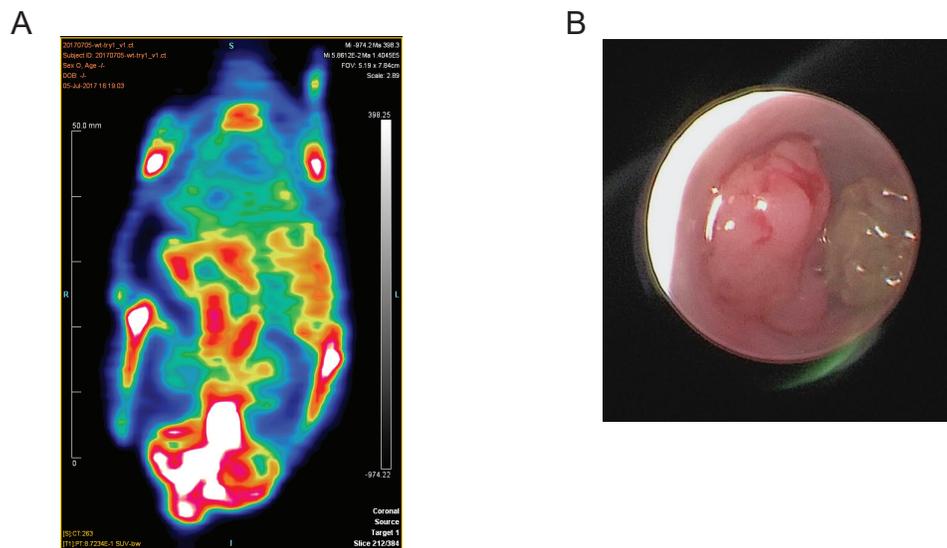


Figure legend:

Figure S3 Images of AOM/DSS-based spontaneous colon cancer

A.  $^{18}\text{F}$ -FDG micro-PET/CT of spontaneous colon cancer; B. Endoscope detection of spontaneous colon cancer.